

ABSTRACT OF THE DISCLOSURE

~~A suction nozzle for holding an electric component by suction, including a nozzle body, a suction pipe disposed on the nozzle body for holding the electric component by suction under a negative pressure at a sucking end thereof, and a fiducial mark disposed on the nozzle body and located at a position at which an image of the fiducial mark can be taken concurrently with an image of the electric component held by the suction pipe, in a longitudinal direction of the suction pipe toward the sucking end. Also disclosed are a method of detecting the position of the electric component as held by the suction nozzle, a method of detecting bending of a suction pipe of the suction nozzle, a method of determining the angular position of the suction nozzle, a method of establishing a predetermined nominal angular position of suction nozzle, and an~~An electric-component handling device including~~the a suction nozzle, and operable to handle the electric component~~a fiducial mark, an image-taking device, a relative-movement device and an image data processing device. The electric-component handling device is operable to handle an electric component.